

LITTLE OF INVENTION: Nucleic Acids, Proteins, and Antibodies
FILE REFERENCE: PA106
CURRENT APPLICATION NUMBER: US 69/764, 853
CURRENT FILING DATE: 2001-01-17
PRIOR application data removed - consult PALM or tile wrapper
NUMBER OF SEQ ID NOS: 939
SOFTWARE: PatentIn Ver. 2.0
SPO ID NO: 443
LENGTH: 82
TYPE: PRT
ORGANISM: Homo sapiens
FEATURE:
NAME/KEY: S11E
LOCATION: (5)
OTHER INFORMATION: Xaa equals any of the naturally occurring L amino acids
OS 09-764 853-443

Query Match 100.0% Score 23; DB 10; Length 82;
Best Local Similarity 100.0%; Pred. No. 19;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MRLO 5
DB 14 MRLO 38

RESULT 4
OS 09-925 299-896
Sequence: 896 Application US/09925299
Patent No. US2002005627A1
GENERAL INFORMATION:
APPLICANT: Rosco et al.
TITLE OF INVENTION: Nucleic Acids, Proteins and Antibodies
FILE REFERENCE: PA102
CURRENT APPLICATION NUMBER: US 69/764, 299
CURRENT FILING DATE: 2001-08-10
PRIOR FILING DATE: 2000-03-08
PRIOR APPLICATION NUMBER: 60/124, 270
PRIOR FILING DATE: 1999-03-12
NUMBER OF SEQ ID NOS: 1956
SOFTWARE: PatentIn Ver. 2.0
SPO ID NO: 896
LENGTH: 645
TYPE: PRT
ORGANISM: Homo sapiens
OS 09-925 299-896

Query Match 100.0% Score 23; 146 10%; Length 635;
Best Local Similarity 100.0%; Pred. No. 17c-02;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MRLO 5
DB 397 MRLO 401

PRIOR APPLICATION NUMBER: US 69/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: US 69/632,466
PRIOR FILING DATE: 2000-08-03
PRIOR APPLICATION NUMBER: GR 24263, 6
PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 69/236, 359
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/06666
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/06667
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/06664
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/06659
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/06665
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/06668
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/06663
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/06662
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/06661
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/0670
PRIOR FILING DATE: 2001-01-10
PRIOR APPLICATION NUMBER: PCT/US01/0670
PRIOR FILING DATE: 2000-09-21
PRIOR APPLICATION NUMBER: US 09/608, 408
PRIOR FILING DATE: 2000-06-30
PRIOR APPLICATION NUMBER: US 09/774, 203
PRIOR FILING DATE: 2001-01-29
NUMBER OF SEQ ID NOS: 49117
SOFTWARE: Animax Sequence listing Engine vers. 1.1
SEQ ID NO: 43078
LENGTH: 20
TYPE: PRT
ORGANISM: Homo sapiens
FEATURE:
OTHER INFORMATION: MAP 10 AC011739, 2

RESULT 5
US 09-864-761-45213
Sequence 4-078, Application US/09864761
GENERAL INFORMATION:
APPLICANT: Penn, Sharron G.
APPLICANT: Hazeel, David K.
APPLICANT: Rank, David R.
APPLICANT: Banzel, David K.
APPLICANT: Chen, Wensheng
TITLE OF INVENTION: HUMAN GENOME-DERIVED SINGLE EXON NUCLEIC ACID PROBES USEFUL FOR
FILE REFERENCE: Acomica X-1
CURRENT FILING DATE: 2001-05-23
PRIOR APPLICATION NUMBER: US 09/864, 761
CURRENT FILING DATE: 2001-05-23
CURRENT FILING DATE: 2000-02-04

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; PRIORITY APPLICATION NUMBER: US 60/180,312
; PRIOR FILING DATE: 2000-02-04
; PRIORITY APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIORITY APPLICATION NUMBER: US 60/312,366
; PRIOR FILING DATE: 2000-08-03
; PRIORITY APPLICATION NUMBER: GB 24263 6
; PRIOR FILING DATE: 2000-10-04
; PRIORITY APPLICATION NUMBER: US 60/246,359
; PRIOR FILING DATE: 2000-09-27
; PRIORITY APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIORITY APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIORITY APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIORITY APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIORITY APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIORITY APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIORITY APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIORITY APPLICATION NUMBER: PCT/US01/00662
; PRIOR FILING DATE: 2001-01-30
; PRIORITY APPLICATION NUMBER: PCT/US01/00661
; PRIOR FILING DATE: 2001-01-30
; PRIORITY APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIORITY APPLICATION NUMBER: US 60/234,687
; PRIOR FILING DATE: 2000-09-21
; PRIORITY APPLICATION NUMBER: US 09/608,408
; PRIOR FILING DATE: 2000-06-30
; PRIORITY FILING DATE: 2001-01-29
; NUMBER OF SEQ ID: 11
; SOFTWARE: Atonomous Sequence Listing Engine vers. 1.1
; SEQ ID NO: 45213
; LENGTH: 33
; TYPE: PRF
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: MAP TO AP001415.1
; OTHER INFORMATION: EXPRESSED IN ADULT LIVER, SIGNAL = 0.62
; OTHER INFORMATION: EXPRESSED IN BRAIN, SIGNAL = 0.74
; OTHER INFORMATION: EXPRESSED IN PLACENTA, SIGNAL = 0.71
; OTHER INFORMATION: EXPRESSED IN FETAL LIVER, SIGNAL = 0.82
; OTHER INFORMATION: EXPRESSED IN BONE MARROW, SIGNAL = 0.77
; US-09-864-761 45213

Query Match: 91.3% Score: 21; DB: 10; Length: 33;
Best Local Similarity: 89.0% pred. No: 24; Matches: 0, Indels: 0, Gaps: 0;
; GENERAL INFORMATION:
; APPLICANT: Rosen et al.
; TITLE OF INVENTION: Nucleic Acids, Proteins, and Antibodies
; Patent No.: US20030042186A1
; FILE REFERENCE: PTZ2.4
; CURRENT APPLICATION NUMBER: US/09/764,870
; CURRENT FILING DATE: 2001-01-17
; PRIOR APPLICATION DATA REMOVED consult PAIR or file with PCT
; NUMBER OF SEQ ID: 646
; SOFTWARE: PatentIn Ver. 2.0

RESULT 6
US-09-764-870-389
; Sequence 389, Application US/09/764,870
; GENERAL INFORMATION:
; APPLICANT: Rosen et al.
; TITLE OF INVENTION: Nucleic Acids, Proteins, and Antibodies
; Patent No.: US20030042186A1
; FILE REFERENCE: PTZ2.4
; CURRENT APPLICATION NUMBER: US/09/764,870
; CURRENT FILING DATE: 2001-01-17
; PRIOR APPLICATION DATA REMOVED consult PAIR or file with PCT
; NUMBER OF SEQ ID: 646
; SOFTWARE: PatentIn Ver. 2.0

; SEQ ID NO: 389
; LENGTH: 56
; TYPE: PRF
; ORGANISM: Homo sapiens
; US-09-764-870-389

Query Match: 91.3% Score: 21; DB: 10; Length: 56;
Best Local Similarity: 80.0% pred. No: 42; Matches: 4, Conservatve: 1, Mismatches: 0, Indels: 0, Gaps: 0;
; GENERAL INFORMATION:
; APPLICANT: Meyer, Rachel A.
; TITLE OF INVENTION: 53070, A NOVEL HUMAN PROTEIN KINASE
; FILE REFERENCE: 10448-067001
; CURRENT APPLICATION NUMBER: US/09/882,166
; CURRENT FILING DATE: 2001-06-15
; PRIOR APPLICATION NUMBER: 69/212,078
; PRIOR FILING DATE: 2000-06-15
; NUMBER OF SEQ ID: 6
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO: 2
; LENGTH: 367
; TYPE: PRF
; ORGANISM: Homo sapiens
; US-09-882-166-2

Query Match: 91.3% Score: 21; DB: 10; Length: 367;
Best Local Similarity: 80.0% pred. No: 3e*02; Matches: 4, Conservatve: 1, Mismatches: 0, Indels: 0, Gaps: 0;
; GENERAL INFORMATION:
; APPLICANT: Meyer, Rachel A.
; TITLE OF INVENTION: 53070, A NOVEL HUMAN PROTEIN KINASE
; FILE REFERENCE: 10448-067001
; CURRENT APPLICATION NUMBER: US/09/882,166
; CURRENT FILING DATE: 2001-06-15
; PRIOR APPLICATION NUMBER: 69/212,078
; PRIOR FILING DATE: 2000-06-15
; NUMBER OF SEQ ID: 6
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO: 2
; LENGTH: 367
; TYPE: PRF
; ORGANISM: Homo sapiens
; US-09-882-166-2

Query Match: 91.3% Score: 21; DB: 10; Length: 367;
Best Local Similarity: 80.0% pred. No: 3e*02; Matches: 4, Conservatve: 1, Mismatches: 0, Indels: 0, Gaps: 0;
; GENERAL INFORMATION:
; APPLICANT: Duvick, John
; TITLE OF INVENTION: A hydroperoxide lyase Gene from Maize and Methods of
; USE: 99-779-429-1
; Sequence 1, Application US/09/779-429-1
; Patent No.: US2003007156A1
; CURRENT APPLICATION NUMBER: US/09/779-429-1
; CURRENT FILING DATE: 2001-02-08
; PRIOR APPLICATION NUMBER: 09/417,704
; NUMBER OF SEQ ID: 2
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO: 1
; LENGTH: 502
; TYPE: PRF
; ORGANISM: Zea mays
; FEATUR:
; NAME/KEY: HELIX
; LOCATION: (304)
; OTHER INFORMATION: I-helix: Forms oxygen binding pocket
; CURRENT APPLICATION NUMBER: (356), (159) Highly-conserved in p450's (FUR)
; CURRENT FILING DATE: (402), (413) Highly conserved in p450's (KID) XXXX
; PRIOR INFORMATION: (402), (413) Highly conserved in p450's (KID) XXXX
; OTHER INFORMATION: PEEF
; NAME/KEY: BINDING

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LOCATION: (448)
 OTHER INFORMATION: Nemo-binding site
 US 09 779 429 1

Query Match 93 % Score 21; DB 10; length: 502;
 Best Local Similarity 80 %; Pred No: 4 90-92;
 Matches 4; Conservative 1; Mismatches 0; Indels 0; Gaps 0.

QY 1 MIRLO 5
 (4b) 415 MMRQ 361

RESULT 9
 US 09-925-302-801

Sequence: 801 Application US 09045302
 Patent No. US2002013494(A);
 GENERAL INFORMATION:
 APPLICANT: Rosen, et al.,
 TITLE OF INVENTION: Nucleic Acids, Proteins and Antibodies
 FILE REFERENCE: PA104
 CURRENT APPLICATION NUMBER: US 09/925-302
 PRIORITY APPLICATION NUMBER: PCT/US/01/05418
 PRIOR FILING DATE: 2001-08-10
 PRIORITY APPLICATION NUMBER: 1994-03-08
 PRIOR FILING DATE: 1994-03-12
 NUMBER OF SEQ ID NOS: 96
 SOFTWARE: PatentIn Ver. 2.0
 SEQ ID NO 801
 LENGTH: 581
 TYPE: PRT
 ORGANISM: Homo sapiens
 FEATURE:
 NAME/KEY: SITE
 LOCATION: (1)
 OTHER INFORMATION: xaa equals any of the naturally occurring L-amino acids
 US 09-925-302-801

Query Match 93 % Score 21; DB 10; length: 501;
 Best Local Similarity 80 %; Pred No: 4 90-92;
 Matches 4; Conservative 1; Mismatches 0; Indels 0; Gaps 0.

QY 1 MIRLO 5
 (4b) 415 MMRQ 419

RESULT 10
 US 09 845-242 4952

Sequence: 4952 Application US 09045247
 Patent No. US2002016156(A);
 GENERAL INFORMATION:
 APPLICANT: Hasebeck, Robert T.
 APPLICANT: Ohlsen, Kari L.
 APPLICANT: Zyskind, Judith W.
 APPLICANT: Wall, Daniel
 APPLICANT: Trawick, John D.
 APPLICANT: Carr, Grant J.
 APPLICANT: Yamamoto, Robert T.
 APPLICANT: Xu, H. Howard
 TITLE OF INVENTION: Identification of Essential Genes in
 FILE REFERENCE: ELITRA.01A
 CURRENT APPLICATION NUMBER: US 09/845-247
 CURRENT FILING DATE: 2001-03-21
 PRIORITY APPLICATION NUMBER: 60/191,078
 PRIORITY FILING DATE: 2000-03-21
 PRIORITY APPLICATION NUMBER: 60/206,848
 PRIORITY FILING DATE: 2000-05-23
 PRIORITY APPLICATION NUMBER: 60/207,727
 PRIORITY FILING DATE: 2000-05-26
 PRIORITY APPLICATION NUMBER: 60/242,578
 PRIORITY FILING DATE: 2000-10-23
 PRIORITY APPLICATION NUMBER: 60/254,525
 PRIORITY FILING DATE: 2000-11-27
 PRIORITY APPLICATION NUMBER: 60/257,931
 PRIORITY FILING DATE: 2000-12-22
 PRIORITY APPLICATION NUMBER: 60/269,308
 NUMBER OF SEQ ID NOS: 14110
 SOFTWARE: FastSEQ for Windows Version 4.0
 SEQ ID NO 10552
 LENGTH: 1189

Query Match 93 % Score 21; DB 10; length: 1189;
 Best Local Similarity 80 %; Pred No: 1e+33
 Matches 4; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 MIRLO 5
 (4b) 249 MMRQ 253

RESULT 12
US-09-856-070-25.rappb
Sequence 56, Application US/09908322
Patent No. US20020107194A1
GENERAL INFORMATION:
APPLICANT: Ish-Horwitz, David
Henrique, Duhindus Manuel Pinto
Lewis, Julian Hart
Aravanis-Tsakonas, Spyridon
Gray, Grace
TITLE OF INVENTION: NUCLEOTIDE AND PROTEIN SEQUENCES OF VERTEPRAFATE DELTA GENE AND METHODS BASED THEREON
NUMBER OF SEQUENCES: 94
CORRESPONDENCE ADDRESS:
ADDRESSEE: Penile & Edmonds LLP
STREET: 1155 Avenue of the Americas
CITY: New York
STATE: NY
COUNTRY: USA
ZIP: 10036/2711

COMPUTER READABLE FORM:
MEDIUM TYPE: Disket 16
COMPUTER: IBM compatible
OPERATING SYSTEM: DOS
SOFTWARE: FastSeq Version 2.0

CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/908,322
FILING DATE: 17-Jul-2001
CLASSIFICATION: <Unknown>
PRIORITY APPLICATION DATA:
APPLICATION NUMBER: 08/981,392
FILING DATE: 22-DEC-1997
ATTORNEY/AGENT INFORMATION:
NAME: MISTOCK, S Leslie
REGISTRATION NUMBER: 18,872
REFERENCE/DOCKET NUMBER: 7326-123
TELECOMMUNICATION INFORMATION:
TELEPHONE: 212-879-9090
TELEFAX: 6641 PENNIE
INFORMATION FOR SEQ ID NO: 56:
SEQUENCE CHARACTERISTICS:
LENGTH: 25 amino acids
TYPE: amino acid
STRANDEDNESS: <Unknown>
TOPOLOGY: unknown
MOLECULE TYPE: peptide

SEQUENCE DESCRIPTION: SEQ ID NO: 56:
US-09-908-322-56

Query	Match	Best Local Similarity	Score	Length
Qy	MIRIQ 5 :	87.0%	20	10
Db	20 LLRQ 24	80.0%	Pred No. 32;	0

Matches 4; Conservative 1; Mismatches 0, Indels 0, Gaps 0, Gaps 0;

Query Match Score 20; DB 10; length 36;
Best Local Similarity 80.0%; Pred No. 47; Mismatches 0, Indels 0, Gaps 0;

Qy 1 MIRIQ 5
:|||||
Db 11 LLRQ 15

RESULT 13
US-09-864-761-47178
Sequence 47178, Application US/09864761
Patent No. US20020104876A1
GENERAL INFORMATION:
APPLICANT: Penn, Sharron G.
APPLICANT: Rank, David R.
APPLICANT: Cheng, Weisheng
TITLE OF INVENTION: HUMAN CFNMF-LIPPED SINGLE EXON NUCLEIC ACID AMIDES FOR MICROARRAY
FILE REFERENCE: 99-940JS
CURRENT APPLICATION NUMBER: US/09/728,912
CUT-OFF APPLICATION NUMBER: 20030-12-01
FILE FILING DATE: 1999-12-06
PRIORITY FILING DATE: 1999-12-06
NUMBER OF SEQ ID NO: 14
Software: FastSeq for Windows Version 3.0

SEQ ID No: 4
 LENGTH: 65
 TYPE: PRT
 ORGANISM: Homo sapiens
 US 09-728-912-3

Query Match 87.0%; Score 20; DB 10; Length 55;
 Host Local Similarity 80.0%; Pred. No. 74;
 Matches 4; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 MLRLQ 5
 Db 16 MLRVQ 20

RESULT 15
 US 09-867-550-1142
 Sequence 1142, Application US/09867550
 Patent No. US200209382206A1

GENERAL INFORMATION:
 APPLICANT: Leach, Martin D.
 APPLICANT: Mehraban, Foad.
 APPLICANT: Conley, Pamela A.
 APPLICANT: Law, Debbie
 APPLICANT: Toffor, James

Little of INVENTION: Thereby
 TITLE OF INVENTION: Polymeric Cides from Atherogenic Cells and
 FILE REFERENCE: 21402-013 (Curra,113)
 CURRENT APPLICATION NUMBER: US/09/867-550
 CURRENT FILING DATE: 2001-09-20
 PRIOR APPLICATION NUMBER: USN 60/208,427
 PRIOR FILING DATE: 2000-05-30
 NUMBER OF SEQ ID NOS: 2125
 SOFTWARE: FastSPS for Windows Version 4.0
 SEQ ID NO: 1132
 LENGTH: 60
 TYPE: PRT
 ORGANISM: Homo sapiens
 US 09-867-550-1132

Query Match 87.0%; Score 20; DB 10; Length 60;
 Host Local Similarity 80.0%; Pred. No. 81;
 Matches 4; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 MLRLQ 5
 Db 16 MLRVQ 5

Search completed: January 16, 2003, 17:00:10
 Job time : 4.0714+ secs